

QUERY CONTROL FORM

RTIS USE ONLY

Application No. 09/937351
 Examiner-GAU MacLC-2855

Prepared by CA
 Date _____
 No. of queries _____

Tracking Number 00000771
 Week Date 8/23/04

JACKET

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|----------------------|------------------------|--------------------|----------------|
| a. Serial No. | f. Foreign Priority | k. Print Claim(s) | p. PTO-1449 |
| b. Applicant(s) | g. Disclaimer | l. Print Fig. | q. PTOL-85b |
| c. Continuing Data | h. Microfiche Appendix | m. Searched Column | r. Abstract |
| d. PCT | i. Title | n. PTO-270/328 | s. Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed | o. PTO-892 | t. Other |

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

MESSAGE

Amendment - (11-30-01) last page

appears incomplete. Please Resolve.

(Also, Serial No. is different - 09/771,703).

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other

Thank You

initials CA

RESPONSE

initials

Replace the paragraph on page 12 which begins "Finally in figures 5 and 6" with the following:

Finally in figures 5 and 6, respectively, the method according to the invention has been qualitatively evaluated against a reference method which is a determination of CFR by a doppler-technique. In this case however, it should be noted that the doppler-technique has its limitations and is not entirely accurate.

Please add the following paragraphs to the end of page 11:

As previously disclosed in this application, CFR can be obtained by measuring the mean transit time, T_{mn} , for a bolus dose of cold liquid by employing the response curves from lead resistance measurements and a temperature sensor respectively.

For the calculation of T_{mn} , the time constant, τ , of an exponential function $e^{-t/\tau}$ is calculated. It has also been discovered by the inventors that τ itself is correlated to the flow in a coronary vessel, and, therefore, τ itself can be used to determine a value of CFR where τ_{rest} is the time constant of the temperature sensor response in a resting condition and τ_{hyper} is the time constant of the temperature sensor in a hyperemic condition. Accordingly, $CFR = \tau_{rest}/\tau_{hyper}$.

Please delete the page of the application which contains facsimile indicia across the top which says:

"30-JAN-01 TUE 09:30 DR. LUDWIG BRANN PAT AB FAX NO. 018 568939 P. 03."

Please delete the page of the application which contains facsimile indicia across the top which says:

"30-JAN-01 TUE 09:30 DR. LUDWIG BRANN PAT AB FAX NO. 018 568939 P. 04."

Please convert the page of the application which contains facsimile indicia across the top which says: "30-JAN-01 TUE 09:30 DR. LUDWIG BRANN PAT AB FAX NO. 018